

ENCLOSURE**Rec'd PCT/PTO 16 AUG 2005****CLAIMS (originally filed):**

1. An optical recording medium which comprises a support substrate, a
5 plurality of recording layers formed on the support substrate and a
transparent intermediate layer(s) formed between the plurality of recording
layers and is constituted so that data can be recorded therein and/or
reproduced therefrom by a laser beam projected through a light incidence
plane, in which optical recording medium a recording layer other than a
10 recording layer farthest from the light incidence plane among the plurality
of recording layers is constituted so as to be able to rewrite data and
comprises at least a recording film, a first dielectric film disposed in contact
with the recording film on a side thereof on which the light incidence plane
is present, a second dielectric film disposed in contact with the recording
15 film on a side thereof opposite to the side on which the light incidence plane
is present and having a thickness smaller than 15 nm, a transparent heat
radiation film disposed in contact with the first dielectric film on a side
thereof on which the light incidence plane is present, a translucent
reflective film disposed in contact with the second dielectric film on a side
20 thereof opposite to the side on which the light incidence plane is present
and having a thickness smaller than 20 nm, and a base protect film
disposed between the translucent reflective film and the transparent
intermediate layer.
- 25 2. An optical recording medium in accordance with Claim 1, wherein
the second dielectric film is formed so as to have a thickness of 1 nm to 10

nm.

3. An optical recording medium in accordance with Claim 1 or 2,
wherein the translucent reflective film is formed so as to have a thickness
5 equal to or larger than 4 nm.

4. An optical recording medium in accordance with any one of Claims 1
to 3, wherein the translucent reflective film is formed of metal.

10 5. An optical recording medium in accordance with Claim 4, wherein
the translucent reflective film is formed of Ag.

6. An optical recording medium in accordance with any one of Claims 1
to 5, wherein the transparent heat radiation film is formed of a material
15 having a higher thermal conductivity than that used for forming the first
dielectric film.

7. An optical recording medium in accordance with Claim 6, wherein
the transparent heat radiation film contains AlN or SiC as a primary
20 component.